| Ir | idex of | Claims |  |
|----|---------|--------|--|
|    |         |        |  |

| Applica | tion | No. |
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|---------|------|-----|

09/763,294 Examiner

Jennifer R. Sadula

## Applicant(s)

MIYAMA ET AL.

Art Unit

1756

| 4 | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

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| o | Objected |

| Cli           | aim           | Date     |           |          |          |          |            | Date Claim Date |    |              |     |          | 111      | Claim Date                                       |       |               |       |          |                  |          |   |    | _            |                |              |                |               |              |
|---------------|---------------|----------|-----------|----------|----------|----------|------------|-----------------|----|--------------|-----|----------|----------|--|-------|---------------|-------|----------|------------------|----------|---|----|--------------|----------------|--------------|----------------|---------------|--------------|
|               | $\overline{}$ |          |           |          | Г        |          | Г          | Т               | T  | Τ            |     |          | 1        |  |       |               |       | Г        |                  | _ 1      |   | 1  | T            |                | Г            | ΪΠ             | $\neg$        |              |
| Final         | Original      | 12/1/03  |           |          |          |          |            |                 |    |              |     | Final    | Original |  |       |               |       | ü        | ₫<br>=<br>-      | Original |   |    |              |                |              |                |               |              |
| _             | 1             | 1        |           |          |          |          | ₽          | +-              | +  | +            | 1   | -        | 51       |  | +     |               | -{    | $\vdash$ |                  | 01       | - | +  | ╁            | -              | ┢            | Н              |               | <u> </u>     |
| <del></del>   | 2             | V        |           |          |          | H        | ⊢          | ┢               | +  | +            |     |          | 52       | <del></del>                                      |       | $\rightarrow$ | 10    | $\vdash$ |                  | 02       | - | +  | +            | -              | +            | <del>   </del> | $\dashv$      | H            |
| -             | 3             | 1        | ┢         |          | _        | $\vdash$ | ⊢          | +-              | ╁  | 1            | -   | -        | 53       | <del>-   -  </del>                               | +     | +             | -111  | $\vdash$ |                  | 03       |   | +  | +            | ╁              | ⊢            | Н              | $\dashv$      | Н            |
|               | 4             | 1        |           |          |          | -        |            | +               | +  | +            |     |          | 54       |  |       |               | - 111 | $\vdash$ |                  | 04       | + | +  | ╁            | H              |              |                | $\dashv$      | H            |
| ├─            |               | 1        |           | -        | _        |          | ⊢          | +-              | +  | +            |     | -        | 55       |  | +     | +             | -146  | $\vdash$ | + +              | 05       |   | +  | +            | -              | ⊢            | $\vdash$       | $\dashv$      | Н            |
| $\vdash$      | 5<br>6        | 1        | $\vdash$  |          |          | _        | H          | $\vdash$        | +  | ╁            |     | ├        | 56       |  |       |               | -100  | $\vdash$ | - 1              | 06       | + | +  | +            | ┢              | H            | Н              | $\dashv$      | H            |
| <u> </u>      | 7             | 1        |           |          |          | -        |            | +               | +  | +            |     | -        | 57       |  | +     | -             | -86   | $\vdash$ | +;               | 07       |   |    | ╁            | ├—             | ├            |                | -1            | <del> </del> |
|               | 8             | 1        |           |          | _        |          |            | ╁               | +  | ╫            |     |          | 58       | <del>-                                    </del> |       |               | -100  | -        |                  | 08       | + | +  | +            | $\vdash$       | $\vdash$     | Н              | $\dashv$      | $\vdash$     |
|               | 9             | 1        |           |          | -        |          | -          | -               | +  | +            |     |          | 59       | 1 1 1  | +     | +             | -80   | $\vdash$ | 1                | 09       | - |    | ┼            | ├              |              |                |               |              |
| -7-           | 10            | 1        | $\vdash$  |          | _        |          | ┝          | -               | +  | ╁            | ł   | $\vdash$ | 60       |  | +     | +             | -100  | $\vdash$ |                  | 10       | + | +  | +            | $\vdash$       | ┢            | Н              | $\dashv$      | Н            |
|               | 11            | <b>√</b> |           |          |          |          | $\vdash$   | ╁               | +  | +            | H   | _        | 61       | -  |       |               | -10   | -        |                  | 11       | + | +  | +            | ┝              | ┢            | Н              | $\dashv$      | Н            |
|               | 12            | V        | -         | $\dashv$ |          | -        | $\vdash$   | +               | +  | +            | 18. | $\vdash$ | 62       | +++  | +     |               | -     | ⊢        |                  | 12       | + | +  | +-           | ├-             | -            |                |               |              |
|               | 13            | √        | Н         | -        |          | Н        | $\vdash$   | +               | +  | +            | 1   | $\vdash$ | 63       | +++  | +     | +             | 1     | $\vdash$ |                  | 13       | + | +  | 1            | $\vdash$       | $\vdash$     | H              | $\dashv$      | Н            |
| <b>-</b>      | 14            | √        | Н         | -        |          | Н        | $\vdash$   | +               | ╫  | +            |     |          | 64       |  |       | +             | -     | H        |                  | 14       | + | +  | +            | -              | $\vdash$     | Н              | $\dashv$      | Н            |
| }             | 15            | 7        | $\vdash$  | -        |          | Н        | $\vdash$   | +               | +  | +            |     | -        | 65       | +++  | +     | +             | -     | $\vdash$ | 1:               | 15       | + |    | -            |                | <del> </del> | Н              | $\dashv$      | $\vdash$     |
| $\vdash$      | 16            | -V       |           |          | -        |          | ⊢          | ⊢               | +  | -            |     |          | 66       |  | +H    |               | -  ∷  | ⊢        |                  | 16       | + | +  | +            | $\vdash$       | ┢            | $\vdash$       | $\dashv$      | Н            |
| $\vdash$      | 17            | $\vdash$ | Н,        | -        |          | Н        | ⊢          | ╁               | +  | +            |     |          | 67       | $\rightarrow$                                    | +     |               | -     |          |                  | 17       | + | +  | +            | ⊢              | -            | $\vdash$       | $\dashv$      | Н            |
|               | 18            |          |           |          | -        |          | -          | ╁               | +  | +            | 1   |          | 68       | +  | ++i   | +             | -     | $\vdash$ | + +              | 18       | + | +  | +            | $\vdash$       | -            | $\vdash$       | $\dashv$      | Н            |
| -             | 19            | -        | Н         | $\dashv$ | _        | Н        | ⊢          | ⊢               | +  | +            |     | _        | 69       |  | +++1  |               | 400   | $\vdash$ | 1                | 19       |   |    | -            |                |              | -              |               | -            |
|               | 20            |          |           |          | -        | -        | _          | ⊢               | +  | +            |     |          | 70       | $\rightarrow$                                    | +     | +             | -100  | $\vdash$ |                  | 20       | + | +  | +            | Н              | -            | H              | $\dashv$      | Н            |
| $\vdash$      | 21            | $\vdash$ | Н         | -        | _        | -        | ⊢          | $\vdash$        | ╁  | +            |     | <u> </u> | 71       |  |       | $\rightarrow$ | -180  | $\vdash$ | 1                | 21       | - | +  | +            | H              | 1            | $\vdash$       | $\dashv$      | $\vdash$     |
| $\vdash$      |               | $\vdash$ | Н         | $\dashv$ |          | Н        | $\vdash$   | ⊢               | +  | +            |     | _        | 72       |  | +     | +             | -111  |          |                  | 22       |   |    | <del> </del> |                | ⊢            | $\vdash$       | $\rightarrow$ | Н            |
|               | 22            | ⊢        | Н         | $\dashv$ |          |          | _          | ⊢               | ╀  | +            | ł   |          |          |  | +     |               | - 1   | ⊢        |                  |          | + | +  | -            |                | ⊢            | H              | $\rightarrow$ | -            |
|               | 23            | _        | Н         | $\dashv$ |          | -        |            | -               | ╄  |              |     |          | 73<br>74 |  |       |               | 40    | ⊢        |                  | 23<br>24 | + | +  | +            |                | ⊢            | Н              | -             | -            |
|               | 24<br>25      |          |           |          | -        |          |            | ⊢               | +- | ┼            | 1   | _        | 75       | -  | +     | +             | 40    | H        | 1                | 25       | - | -  | +            | ┢              | ⊢            | Н              | $\dashv$      | -            |
| $\vdash$      | 26            | $\vdash$ | Н         | -        | -        |          | _          | $\vdash$        | +  | +            | 1   | -        | 76       | -  | +     | +             | -     | ⊢        |                  | 26       |   | -  |              | ├              | ⊢            | Н              | $\dashv$      | $\dashv$     |
|               | 27            | -        |           |          | _        |          | ⊢          | ⊢               | +  | <del>-</del> |     | _        | 77       | -  | +     | +             | -111  | ⊢        |                  | 26<br>27 | + | +  | 1            |                | ⊢            | Н              | $\rightarrow$ | -            |
|               |               |          | Н         | $\dashv$ | _        |          | _          | $\vdash$        | +  | +            |     | _        |          | -  | +     | +             | - 11  | H        | 1                | 28       |   |    | <del> </del> | H              | ⊢            | Н              | $\dashv$      | -            |
|               | 28            |          | -         |          | _        |          | _          | ⊢               | +- | ╀            | 100 |          | 78       | $\rightarrow + +$                                | +     | +             | -     | _        |                  |          | + | +  | -            |                | $\vdash$     | Н              |               | _            |
|               | 29            |          | Н         | $\dashv$ | _        |          |            | ⊢               | +  | +            |     |          | 79       |  | -     |               | - 111 | _        | +1               | 29       |   |    | ┿            | _              |              | Н              | $\dashv$      | -            |
|               | 30            |          | Н         | -        | _        |          | _          | ├               | +  | -            |     |          | 80       | $\rightarrow ++$                                 | +     |               | -     | <u> </u> |                  | 30       | + | -  | -            |                |              |                | $\dashv$      | =            |
|               | 31            |          | $\vdash$  | -        | _        |          |            | ⊢               | ╄  | +            |     |          | 81       | -  |       | +             | -     | ⊢        |                  | 31       | - | -  | ₩            | <u>_</u>       | <del> </del> |                | -             | $\dashv$     |
|               | 32            |          | $\vdash$  |          | _        |          | _          |                 | ╀  | $\vdash$     |     |          | 82       |  | +     | +             | - 100 |          | 13               | 32       | - | 1  | -            | _              |              | -              |               |              |
| $\vdash$      | 33            |          | $\vdash$  | -        |          |          | $\vdash$   |                 | +  | -            |     |          | 83       |  |       |               | 4     | $\vdash$ | 11               | 33       | - |    | ┼-           | _              | Н            | $\vdash$       | $\dashv$      | $\dashv$     |
|               | 34<br>35      |          | Н         | $\dashv$ | _        |          | ⊢-         | $\vdash$        | +  | -            |     |          | 84<br>85 | +  | +     | +             | -     | $\vdash$ |                  | 34       | + | +  | -            | $\vdash$       | Н-           |                | $\dashv$      | -            |
| $\rightarrow$ |               |          | $\vdash$  | -        | -        | -        | _          | $\vdash$        | ╀  | $\vdash$     |     |          |          | +++  |       | +             | 4     |          | 11               | 3.5      | + | +  | $\vdash$     | $\vdash$       | Н            | $\vdash$       |               |              |
| $\rightarrow$ | 36            |          | $\vdash$  | -        |          | $\vdash$ | <u>-</u> - | $\vdash$        | ₽  | $\vdash$     |     |          | 86       | +++  | +     | +             | -{    | $\vdash$ | 13               | 36<br>37 | + |    | $\vdash$     | $\vdash$       | -            |                | $\dashv$      | $\dashv$     |
|               | 37            | _        | $\vdash$  |          | $\dashv$ | $\vdash$ | _          | ┝-              | +  | +-           |     |          | 87       |  | +     | ++            | -     |          |                  |          | + | +  | 1            | $\vdash$       | Н            | $\vdash$       |               |              |
|               | 38            |          |           | -        | -4       | $\vdash$ | <u> </u>   |                 | 1  | $\vdash$     |     | <u> </u> | 88       |  |       | ++            | -     | $\vdash$ | +1               | 38       | + | -  |              | -              | $\vdash$     | $\vdash$       | $\dashv$      | $\dashv$     |
|               | 39            | _        | Н         | -+       |          | -        |            | $\vdash$        | 4- | $\vdash$     |     |          | 89       | $\rightarrow$                                    | +     | ++            | 400   | <u> </u> |                  | 39       | - | +  | $\vdash$     | $\vdash$       | Н            | $\vdash$       | $\dashv$      | $\dashv$     |
|               | 40            |          | Н         | _        |          | Н        | -          | -               | 1  | $\vdash$     |     |          | 90       |  | +++   | -             | -     | $\vdash$ |                  | 10       | + | +  | ļ            | <del> </del> — | Н            |                | $\dashv$      | ᅴ            |
|               | 41            |          | $\vdash$  | -        |          | $\vdash$ | $\vdash$   | $\vdash$        | 1  | $\vdash$     |     |          | 91       | +++  | +++   | ++            | 4     | $\vdash$ | 1.               | 11       | + | +  | _            |                |              | $\vdash$       | $\dashv$      | $\dashv$     |
|               | 42            |          | -         | -        |          | $\vdash$ | $\vdash$   | <b>—</b>        | 1  | -            |     |          | 92       | +  |       | +             | 4     | $\vdash$ | +1               | 12       | - | +  | ـ            |                | -            | $\vdash$       | $\dashv$      | $\dashv$     |
|               | 43            |          | $\vdash$  | -        | -4       |          | Щ          | $\vdash$        | -  | $\vdash$     |     |          | 93       |  | +++   | ++            | 4     | <u> </u> | 1.               | 13       | + | +  | $\vdash$     | Н              | -            |                | $\dashv$      | $\dashv$     |
| $\vdash$      | 44            |          | $\square$ | -        | _        | _        | _          | <u> </u>        | +- | 1            |     |          | 94       | +++  | +     | +             | 4     |          | -  1:            | 14       | + | +  | ⊢            | Н              |              | $\dashv$       |               |              |
| _             | 45            |          | Н         | _        | -1       | -        |            | <b>⊢</b> –      | 1  | <u> </u>     |     |          | 95       |  | +     |               | 4     |          |                  | 15       |   | ┷  | ⊢            | Н              | $\vdash$     | $\vdash$       | 4             |              |
|               | 46            |          | $\square$ |          | -        |          | _          | <u> </u>        | +  | 1            |     |          | 96       | ++   | ++1   | +             | 4     |          |                  | 6        | + | 1  | <del> </del> | H              | $\vdash$     | $\vdash$       | $\dashv$      | 4            |
|               | 47            |          |           |          | $\dashv$ | _        | _          | ⊢               | +  | ⊢            |     |          | 97       |  |       | +             | 4     | <u> </u> | <del>  1</del> . | 17       | + | +  | ــــ         |                | $\vdash$     | $\vdash$       | $\dashv$      | $\dashv$     |
|               | 48            |          |           | -1       | _        |          |            | <u> </u>        | ╄  |              |     |          | 98       |  | +     |               | 4     |          |                  | 18       |   | +- | _            |                |              |                | $\dashv$      | ᅴ            |
| $\vdash$      | 49            | _        |           | -        | - 1      | _        | _          | _               | +  | $\vdash$     |     |          | 99       | -  | +     | $\rightarrow$ | 4     | $\vdash$ |                  | 19       |   |    | ⊢            | Н              | $\vdash$     | $\vdash$       | $\dashv$      | ᆜ            |
|               | 50            |          |           |          |          |          |            | ட               | 1  | 1            |     |          | 100      |  | الللا |               | Jiii  |          | 11:              | 50       |   |    | 1            |                | L            |                |               | - 1          |